

instantly changed from the position as a head vise to that of a tail vise without detaching, as shown in Fig. 2. It is pointed out that it is not only a quick acting vise adjustable solely by the use of the handle, but that after the quick adjustment is effected it can be drawn

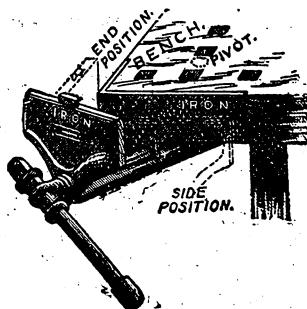


Fig. 2.—The Denison Vise in End or Side Positions.

on against the work with the continuous screw movement. This is a feature which, it is claimed, is peculiar to this vise. In addition to the mechanical advantages of the vise the manufacturers claim that by its use in factories but half the number of vises are required, but half the amount of bench room is needed, and that much time is saved by not being obliged to pass from one end of the bench to the other, as is necessary when using the ordinary style of vise. The vise is sent on trial by the manufacturers to any responsible parties, to be returned at the makers' expense if not satisfactory.

#### The Denison Quick Acting Vise.

The cuts here shown represent a quick acting pattern and cabinet makers'

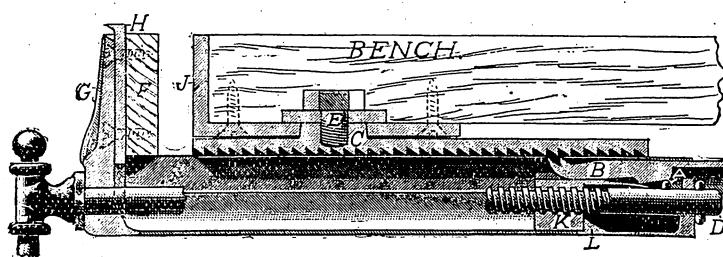


Fig. 1.—The Denison Quick Acting Vise.

vise put upon the market by J. R. Denison & Co., 43-45 South Front street, Grand Rapids, Mich. The vise is provided with iron and wood jaws and a steel dog which can be raised, it is explained, to suit convenience, if desired to clamp against the dog instead of the jaw when in use as a tail vise. The vise is hung on a pivot, so as to be